GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA

UNSTARRED QUESTION NO:103
ANSWERED ON:23.11.2005
JAPANESE ENCEPHALITIS
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Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether a number of children have died due to brain fever Japanese Encephalitis (JE) that spread recently in various parts of the country;

(b) if so, the details thereof, State-wise ;

(c) whether many deaths took place due to non-availability of preventive vaccines;

(d) if so, whether the Union Government has made arrangements to provide the said vaccines to the State affected by the disease;

(e) whether the Union Government proposes to manufacture preventive vaccines to check the disease;

(f) if so, the time by which such vaccines are likely to become available;

(g) the measures taken or proposed to be taken by the Union Government to fight the disease; and

(h) the fund sanctioned/released to the affected States for the purpose?

Answer

THE MINISTER OF HEALTH & FAMILY WELFARE (DR.ANBUMANI RAMADOSS)

(a) & (b): Yes, Sir. As per reports received from state health authorities, during the year 2005 upto 7.11.2005, 6171 cases and 1467 deaths due to suspected Japanese Encephalitis (JE) have been reported from 9 states in the country. The state wise cases & deaths for the last four years are given at Annexure-I.

(c) to (f): There is no specific treatment for JE and management of cases is carried out symptomatically. However, for prevention of disease, various public health measures such a s control of mosquitoes, protection from mosquito bites by using mosquito net, protective clothing and keeping the pig - animal reservoir of JE away from human dwelling are advocated. Killed mouse brain JE vaccine is being manufactured in limited quantities at the Central Research Institute, Kasauli and supplied directly to the states by using state funds during 2005-06, the following quality JE vaccines has been supplied by CRI, Kasauli, Uttar Pradesh

(500000) Andhra Pradesh (20000), Tamil Nadu (18500), and miscellaneous (405).

Government of India is strengthening CRI, Kasauli to augment the capacity for manufacturing of JE vaccines.

(g) & (h): For effective prevention and control of JE and implementation of advance action plan t o prevent any outbreak, the Directorate of National Vector Borne Disease Control Programme (NVBDCP), Government of India has been regularly monitoring the situation through the State Govts; convening review meetings; organizing trainings for capacity building; awareness campaigns for community involvement and field visits for supervision and monitoring. The Govt. of India also provides need-based assistance to the states and technical support for outbreak investigation and control.

The State Governments have been advised that i n the endemic districts, anticipatory preparations should be made for timely availability o f medicines, equipment and accessories as well as sufficient number of trained medical, nursing and paramedical personnel. The strategy for control includes strengthening the surveillance activities and integrated vector control, capacity building and Behaviour Change Communication.

During the current year, JE outbreak has been reported in eastern parts of Uttar Pradesh. The Government of India had provided insecticides, larvicides, fogging machines, drugs, ventilators, intravenous fluid etc. to UP state for the control of the outbreak. Details are annexed.
ANNEXURE-I
STATE-WISE CASES AND DEATHS DUR TO SUSPECTED JAPANESE ENCEPHALITIS

Sl. No.	Affected States/UTs	2000		2001		2002		2003		2004(P)		2005(P)#	
		C	D	C	D	C	D	C	D	C	D	C	D
1	Andhra Pradesh	343	72	33	4	22	3	329##	183##	7###	3		
2	Assam	158	69	343	200	472	150	109	49	23	64	145	52
3	Bihar	77	19	48	11	8	1	6	2	85	28	192	64
4	Chandigarh	0	0	0	0	4	0	0	0	0	0		
5	Delhi	0	0	0	0	1	0	12	5	17	0	2	0
6	Goa	15	3	6	2	11	0	0	0	0	0		
7	Haryana	74	43	47	22	59	40	104	67	37	27		
8	Karnataka	438	45	206	14	52	15	226	10	181	6	58	5
9	Kerala	164	2	128	5	0	0	17	2	9	1		
10	Maharashtra	2#	0	126	1	119	16	475	115	22	0	60##	29##
11	Manipur	0	0	0	0	2	1	1	0	0	0	1	0
12	Punjab	0	0	0	0	10	2	0	0	0	0		
13	TamilNadu	4	0	0	0	0	0	163	36	88	9	8	1
14	Uttar Pradesh	1170	253	1005	199	604	133	1124	237	1030	228	5699	1315
15	West Bengal	148	50	119	21	301		105	2	1	3	1	6	1
	Grant Total	2593	556	2061	479	1765	466	2568	707	1714	367	6171	1467

C = Cases D= Deaths #Cases as reported by respective states upto 7.11.2005 provisionally.

##= Viral encephalitis (31 Lab. Confirmed Cases and 4 Deaths due to JE were reported from the State

= Lab. Confirmed Cases

Note #= State reported additional 80 cases for 2000 as suspected JE

= Including 417 cases and 99 Deaths from Bihar and 28 Cases 3 Death from Nepal and 1 case Nil Death from Madhya Pradesh

Annexure-2
Assistance given to U.P. Govt. for JE outbreak control:

Sl.No	Item	Quantity
1	Inj. Diazepam 2 ml.	10,000
2	Inj.Phenytoin Sodium 50mg/ml	10,000
3	Inj. Phenobarbitone 200mg.	2,60,000
4	IV Fluids NS	1,50,000
5	IV Dexstrose 10%	2,00,000
6	IV Fluids Ringer Lactate	50,000
7	IV Manitol 100 ml	10,000
8	IV Manitol 350ml	1,00,000
9.	Inj. Ceftriaxone sodium 250 mg	10,000
10	Inj. Cefotaxim	2,50,000
11	Ing. Amoxycillin 250 mg	40,000
12	Inj. Paracetamol	40,000
13	Pediatric Cannula	10,000
14	Inj. Dexametasone 4 mg/ml	1,05,000
15	Ambu bags	54
16	Ventilators	20
17	Constant Voltage transformers	10
18	Hand held fogging machines	100
19	Elisa Reader with washer	One
20	Semi-automated clinical chemical analyzer	One
21	JE Diagnostic kits	20
22	Sterilized syringes	10,00,000
23	JE vaccine	5,00,000
24	Malathion Technical	100 MT
25	Malatrhion 25% wdp	2800 M.T
26	Fenthion	12000 lit.
27	Temophos	6000 lit
28	ynthetic pyrethroid	2200 lit.
29	Bed nets	4,20,000